Cc: Dadap, Nathan C.[DADAP.NATHAN@EPA.GOV]; Beach, John[Beach.John@epa.gov]; gerald.pepper@gmail.com[gerald.pepper@gmail.com]; Holland, Kim[kim.holland@amecfw.com]
To: Santos, Carmen[Santos.Carmen@epa.gov]
From: Conlan, Linda
Sent: Tue 5/5/2015 11:26:17 PM
Subject: Former Pechiney Site - PCB Cleanup Verification Data - Excell Spreadsheet
Pechiney_soil_aroclor_cleanup_verification_to EPA_050515.xlsx

Hi Carmen,

Please find attached an excel file with two spread sheets with the PCB verification samples results (i.e., these are soil samples that still remain in place for PCBs). The spread sheets include samples collected during the below grade demolition and soil removal work and historical soil sample collected prior to demolition. There are two spread sheets in the attached excel file, the first sheet is for Total PCBs and the second sheet is for Aroclor 1254. The columns listed in the sheets from left to right (A to S) are defined as follows:

A - phase = 1, 2a, 2b, 3a, 3b, 5 and 6 = Phase Areas for the Completion reports
B - id = sample id
C - ex_verify = these are listed as V = verification; UWB = under the warning barrier; and L = left in place
D - depth = sample depth
E - samp_elev = sample elevation in feet mean sea level (msl) relative to the reference elevation
F - ref_elev = reference elevation for the sample in feet msl as either the former concrete slab or native grade (as determined in the field)
G - native elev = native grade elevation in feet msl that was used to establish the depth zones for the soil cleanup levels
H - cu_zone = soil zones for comparison to the cleanup levels for 0 – 5 feet, 5 to 15 feet and 15 feet (samples greater than 15 feet in depth)
I - rg_cu_zone = PCB cleanup level (remediation goal) for each zone as 0 – 5 feet = 3.5 mg/kg; 5 – 15 feet = 23 mg/kg; and greater than 15 feet = >23 mg/kg. For Aroclor 1254 = 2.0 mg/kg from 0 – 15 feet
J - date = sample collection date
K - epa_qual = u = not detected; blank = detected
L - pcbtotal = total PCB concentration for detected results or the reporting limit for non-detect results (please note that some of the reporting limits for some of the older samples were not available and have been assigned a "0" value in this column; also applies to pcb1254 on the second sheet)
M - units = mg/kg
N - area_grid = concrete removal areas as listed in the Completion reports (A, B, C, etc.) or an internal grid number if the sample was not in a concrete removal area
O - removal_area = soil removal areas as listed in the Completion reports
P - structure = structure number or name as listed in the Completion reports; SWO6 or SWO7 = storm water outfall areas; substation = #2 or #5; IDWP = industrial waste disposal pit; or NA = not applicable as the sample is not tied to a structure
Q, R, S - remarks (last three columns) – list additional information for the samples regarding location, depth, etc.

Please let us know if you need any additional information.

Regards, Linda

Linda Conlan, PG
Principal Geologist
Amec Foster Wheeler
Environment & Infrastructure, Inc.

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